

Defense Support Program (DSP) - The DSP satellites contain sensors which provide near real-time data to the National Command Authorities and other designated users. The FY 1984 funds will procure two satellites for which the long lead items were procured in FY 1982. (RDTE PE 12431F)

Defense Satellite Communications System (DSCS) - The DSCS provides Super High Frequency (SHF) satellite communications for secure voice and high data rate transmissions. It satisfies unique and vital national security communications requirements for worldwide military command and control, crises management and relay of intelligence, early warning data, treaty monitoring and surveillance information and diplomatic traffic. The DSCS program consists of a space segment, which is an Air Force responsibility, a multi-user terminal segment for ground, airborne, and naval elements, and an operational control segment. The authorized DSCS space segment consists of four operational and two in-orbit spare satellites positioned in geosynchronous orbits to provide global (less polar) coverage. Existing DSCS II satellites will be replenished with DSCS III satellites. DSCS III provides increased capacity, flexibility, and anti-jam capability. DSCS III satellites will include an Air Force Satellite Communications System single channel transponder for Emergency Action Message dissemination. The FY 1983 funds provided for the acquisition of two DSCS III production satellites and associated launch vehicle support. The FY 1984 funds provide advance procurement of parts for four DSCS III satellites to be procured in FY 1985. The FY 1984 funds also provide for refurbishing the DSCS qualification satellite to a Space Shuttle/Inertial Upper Stage configuration for a paired launch with one of the production satellites. In FY 1985 four DSCS III satellites are procured and launch vehicle support is provided. (RDT&E PE 33110F)

Air Force Satellite Communications System (AFSATCOM) - The AFSATCOM system is a satellite based Ultra High Frequency Communications System. The AFSATCOM transponders are carried as payloads on host spacecraft. The AFSATCOM system provides communications between the National Command Authorities, the JCS, the military CINC's and the nuclear capable forces. The FY 1984 request procures one transponder for a classified host. The FY 1985 request provides funding for contractor engineering support required for launch. (RDT&E PE 33601F)

Space Boosters - The Space Boosters program provides an austere expendable launch vehicle backup to guarantee the launch of critical USAF operational payloads in the event that the Space Shuttle program is delayed or the orbiter fleet is grounded. It also provides for the maintenance of critical Titan III production capability until the operational capability of the Space Shuttle is assured. FY 1983 funds request will accomplish specific production phaseout efforts. FY 1985 funds will also support planned production phaseout. (RDT&E PE 35119F)